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(54) Title: METHOD, SYSTEM AND PROGRAM FOR NETWORK DESIGN, ANALYSIS, AND OPTIMIZATION
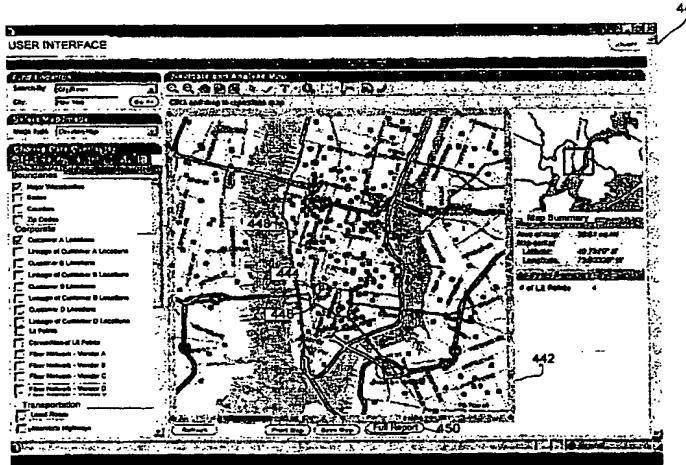
(57) Abstract: Provided are a method, system, and program for rendering information on network infrastructure. A selection of customer sites is received and a database is queried to determine geographical locations of the selected network sites. A graphical user interface is rendered including representations of the selected customer sites in a map at the geographical location of the selected sites in the map. Selection is received of at least one network service provider (NSP). The database is queried to determine network infrastructure of the selected NSP and geographical locations of the determined network infrastructure. Representations are rendered of the determined network infrastructure in a map at the determined geographical locations of the determined network infrastructure to render a visualization of the geographical locations of the selected customer sites and network infrastructure of the selected at least one NSP in the map.

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*